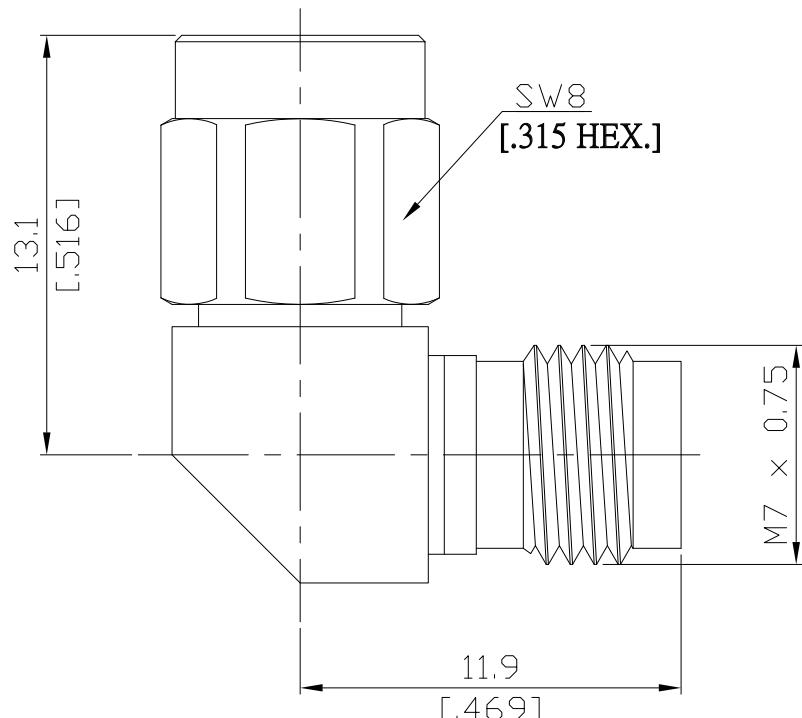


2.92mm plug (male) to 2.4mm jack (female) L-adaptor
 DC-40GHz VSWR1.25

ASL-K1Q25A / 9XX-9X


All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

2.92mm according to	IEC 61169-35
2.4mm according to	IEC 61169-40

Electrical Data

Impedance	50 Ω
Frequency	DC to 40 GHz
VSWR (Return Loss)	≥ 1.25 (≥ 19.08 dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Test voltage	500 V rms
Working voltage	150 V rms
RF-leakage	≥ 100 dB up to 1 GHz

Material And Plating

Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Coupling nut	Stainless Steel	Passivated
Piece Parts (2.4mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PS	

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Mechanical Data

Coupling mechanisms	2.92mm side	2.4mm side
Mating cycles	Screw-lock	Screw-lock
Center contact captivation	≥ 500	≥ 500
Coupling test torque	≥ 20 N	≥ 20 N
Recommended torque	1.70 Nm	max. 1.65 Nm
	0.80 Nm to 1.10 Nm	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-40°C to +85°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100